Welcome to the EOBE doctoral school!
May you be interested in a PhD application in relationship with PhD subjects proposed by the researchers of our labs, you are then at the right place.

This document describes hereafter the way to apply to a PhD by directly contacting the research staff and beginning to fill some forms needed by the doctoral school.
The standard path of any application is very simple:

Most often, you have found the proposed topic on the web site of the research team/lab. Then, after some discussion with the PhD supervisor, he/she will indicate you this link: https://www.adum.fr/psaclay/pt (+école doctorale EOBE)

Another solution is to use this direct link:

http://www.universite-paris-saclay.fr/fr/formation/doctorat/electrical-optical-bio-physics-and-engineering-eobe#offre-de-sujets-de-projets-doctoraux

Alternatively, you have entered the loop by the Paris-Saclay university web site.

The result is more or less the same in all cases: you have arrived to a list of research topics like that:

![List of research topics](https://www.adum.fr/psaclay/pt)
You then select the subject you are interested in:

Puces micro-fluidiques intégrant des transistors fluidiques pour la logique fluidique

Voie d'admission : Concours d'accès aux contrats doctoraux des établissements d'enseignement supérieur

Spécialité  
Electronic et Optoélectronique, Nano et Microtechnologies

Ecole Doctorale  
Electrical, Optical, Bio - physics and Engineering (EOBE)

Titre  
Puces micro-fluidiques intégrant des transistors fluidiques pour la logique fluidique

Titre  
Microfluidic Chips bearing fluidic transistors for logic fluidic

Directeur de thèse  
M. Antoine PALLANDRE - Tel : 01 69 63 63 57

Co-directeur de thèse  
M. Antoine PALLANDRE - Tel : 01 69 63 63 57

Encadrement  
Antoine Palandre

http  
http://www.ipn.cnrs.fr/fr/NANOFLU/NANOFLU.php

Unité de recherche  
Laboratoire de Photonique et de Nanostructures UPR 20 - Tel : 01 69 63 60 00

Mots dés  
fluidique, transistor fluidique, microfabrication, interfaces polarisables, électroosmose

Mots dés  
fluidic, fluidic transistor, microfabrication, polarizable interfaces, electroosmotic flow

Profil candidat  
physico-chimiste, matériaux, microfluidique, micro et nanotechnologie

Profil candidat  
microfluidic, micro and nano engineer

... and you candidate there:

- Improved electrochemical detection of transthyretin synthetic peptide in the nanomolar range with a two-electrode system integrated in a glass/PDMS microchip
  By: Faure, Mathilde; Pallahö, Antoine; Chehab, Syrine; Le Potier, Isabelle; et al.
  LABO ON A CHIP, accepted.

- Electrochemistry on-chip towards a hand-held electrically powered optofluidic source
  By: Meance, Sébastien; Faure, Mathilde; Gambey, Jean; Haghiri-Gosnet, Anne-Marie; et al.
  TALANTA, accepted.

Début de la thèse : 1 octobre 2015
Date de mise à jour du sujet : 23 mars 2015
Choose **ENGLISH** and shortly create an account:

The next steps are more or less straightforward:

You will have to describe your motivations, indicate some facts (date of birth), etc.
Your main task is to fill this part.

The final document will be edited mostly in French for the use of the doctoral school. Never mind for you. To sum this point, you can (only) edit this part that will be written in French. Do not focus too much your attention on it.

"Puces micro-fluidiques intégrant des transistors fluidiques pour la logique fluidique"
Motivation & Supporting documents

Upload your application dossier in PDF format

YOUR APPLICATION WILL BE CONSIDERED ELIGIBLE ONLY AFTER YOU HAVE UPLOADED ALL THE REQUIRED DOCUMENTS, AS WELL AS THIS DOCUMENT DATED AND SIGNED, IN THE APPLICATION INTERFACE.

REQUIRED ELEMENTS TO BE UPLOADED IN A UNIQUE PDF DOCUMENT:
- Dossier de candidature, daté et signé
- Relevés de notes,
- Copie des diplômes obtenus,
- Le cas échéant, descriptif d’un projet de cotutelle internationale de thèse.

(Drag a document onto this area, or click on the button in the bottom right corner)

i.e.
- Application form: signed and dated
- Transcripts
- Copies of diplomas
- If applicable, description of a draft of international joint supervision thesis.
Then, you will have to validate.

The process is then finished and all informations are sent to the research supervisor. He/she will receive an e-mail and will contact you.

May you have questions, then write to:
Laurence.stephen@u-psud.fr
or
eric.cassan@u-psud.fr

Electrical, Optical, Bio – Physics and Engineering